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THIRD CONFERENCE OF SIBERIAN SCIENTIFIC-RESEARCH VETERINARY INSTITUTIONS

A. V. Selivanov

The third conference was held during 18 - 21 May at the Siberian Zonal Scientific-Research Veterinary Institute (NIVI) and covered the work of Siberian scientific-research veterinary institutions for 1951 and the first quarter of 1952. Those participating in the meeting included directors and scientific workers of the Siberian NIVI; the Novosibirsk, Altay, Buryat-Mongolian, and Irkutsk Scientific-Research Veterinary Experimental Stations (NIVOS); the Omsk Veterinary Institute; specialists of the Omsk Oblast Agricultural Administration; practicing veterinarians from Omsk, Omsk and Novosibirsk Oblasts; and veterinarians of the Omsk Biologicals Combine and Biologicals Factory.

Names of scientists giving reports, as well as the titles and contents of the reports, follow.

Docent A. V. Kopyrin, Candidate of Veterinary Science and director of the Siberian Zonal NIVI, opened the conference. Kopyrin reported that in addition to conducting research, the institute did significant work on the methodological guidance of Siberian scientific-research institutions and gave a great deal of practical aid to the animal husbandry of Omsk oblast and other oblasts.

Scientific associates of the Institute recommended the use of many new biologicals, effected their introduction into veterinary practice, and developed new procedures and methods for combating several infectious and invasional diseases of farm animals. The use of the following was proposed: blastomycin as a diagnostic and therapeutic agent in epizootic equine lymphangitis; Sarminskiy's antigen for diagnosis of brucellosis in farm animals according to the complement-fixation reaction; aluminum hydroxide-formaldehyde vaccine for swine erysipelas; opisthorchin for

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diagnosis of opisthorchosis of humans and of carnivores; the blood-drop method of determining the agglutination reaction in the diagnosis of brucellosis; and others.

The Siberian Zonal NIVI is deficient in the following respects: very slow increase in scientific personnel; multiplicity of research themes; unsatisfactory methodological guidance of the work of zonal scientific-research veterinary institutions.

A. I. Karelina, senior instructor (prepodavatel') of the Bases of Marxism and Leninism Chair, Msk Medical Institute presented a paper entitled "The Marxist-Leninist Theory of Reflection and the Teaching of Academician I. P. Pavlov."

P. D. Shat'ko, director, Novosibirsk NIVOS, in "Results of the Work of the Novosibirsk NIVOS for 1951 and the First Quarter of 1952" discussed the chemotherapeutic characteristics of Preparation A and its therapeutic effectiveness in treating various human and animal diseases. It was found that Preparation A has a pronounced therapeutic action on metritis, mastitis, and conjunctivitis of cattle. In several experiments, Preparation A had a therapeutic action on experimental tuberculosis in guinea pigs.

Much work was done on problems of veterinary science, and much practical and consultative aid was extended to animal husbandry workers of Novosibirsk Oblast. This work was outside the regular provisions of the work plan. The Novosibirsk NIVOS set up an "aktiv" in its vicinity, consisting of veterinarian specialists, to engage in research. A great deal of work was done on propagandizing the progress of veterinary science and the results of outstanding experiments: 54 lectures were presented, 150 discussions were held, seven brochures and many leaflets were published, etc.

Much work was done on raising the qualification of scientific associates three of whom took Candidate of Veterinary Science degrees; two have completed their theses.

The director mentioned that the NIVOS has not published any of its work since the time of its founding, and that work on generalization of the experiments of foremost veterinarians is unsatisfactory.

K. I. Plotnikov, Candidate of Veterinary Science and Scientific Associate of the Novosibirsk NIVOS, read the paper, "Malignant Hoof-and-Mouth Disease in Cattle."

N. S. Shchepilov, Candidate of Veterinary Science and chief of the Veterinary Division, Novosibirsk Oblast Division of Agriculture, read a paper entitled "Study of the Epizootological Situation in Novosibirsk Oblast With Respect to Tuberculosis of Domestic Animals and Fowls, and Organization of Measures For Its Liquidation."

P. D. Shat'ko, read a report under the title "New Data on the Epizootology of Emphysematous Carbuncles in Cattle."

P. S. Taranyuk, Candidate of Veterinary Science and vice director for the Scientific Section, Irkutsk NIVOS, reported on the work of the Section during 1951 and the first quarter of 1952.

A. P. Toshchev, Candidate of Veterinary Science, presented the papers "Experiences in Ridding Sheep of Fascioliasis in Kolkhozes of Golumatskiy Rayon, Irkutsk Oblast," and "Equine Hemosporidiosis in Irkutsk Oblast."

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Z. A. Norkina, Candidate of Veterinary Science and vice director for the Scientific Section, Altaysk NIVOS, reported on work of the station during 1951 and the first quarter of 1952. She stated that the Altay NIVOS has not received sufficient methodological and organizational aid from the Siberian Zonal NIVI.

G. V. Orlova, Scientific Associate, Altay NIVOS read a report entitled "Use of Protein-Virus Complex in Hoof and Mouth Disease."

P. S. Ulasevich, Candidate of Veterinary Science and director of the Buryat-Mongolian NIVOS, reported on the work of the station during the period covered by the conference.

Ulasevich also listed many errors of the Novosibirsk NIVOS in studying the epizootology and liquidation of tuberculosis of farm animals in Novosibirsk Oblast and mentioned several deficiencies of methodological guidance of the NIVOS by the Siberian Zonal NIVI.

Docent A. Kadenatsii, Omsk Veterinary Institute read two papers: "The Role of Wild Carnivores in the Epizootology of Echinococcosis in Western Siberia," and "Helminthofauna of Wild Carnivores of Omsk Oblast." Kadenatsii also criticized the work of the helminthological divisions of the Irkutsk, Altay, and Buryat-Mongolian NIVOS's and mentioned many errors in the work of the stations, especially in failing to link research to the problems of veterinary medicine.

A. V. Selivanov, Candidate of Veterinary Science and vice director for the Scientific Section, Siberian Zonal NIVI, indicated many methodological errors in the testing of hoof-and-mouth vaccines (Altay NIVOS), and the testing of vaccine against infectious myocarditis of lambs (Buryat-Mongolian NIVOS) as a result of which, the executives did not develop basic patterns for the use of vaccines in veterinary practice, despite extensive study done on the problems.

Selivanov also stated that the publishing activity of most NIVOS's (Irkutsk, Buryat-Mongolian, and Altay) is unsatisfactory. The stations have been slack in propagandizing results of the scientific work of both research workers and veterinarians.

A. A. Tsaprun, Candidate of Veterinary Science and Scientific Associate, Siberian Zonal NIVI read the paper, "Preliminary Results of Study of the Hemosporidiosis Situation in Siberia."

Z. M. Il'ina, Scientific Associate, Siberian Zonal NIVI read a paper entitled "Results of Extensive Checking of Aluminum Hydroxide-Formaldehyde Vaccine For Swine Erysipelas, Employed According to the Method of the Siberian NIVI."

F. S. Loginov, Scientific Associate, Siberian Zonal NIVI presented the report "Preliminary Results of Cleaning Up Brucellosis in Omsk Oblast, Using Muromtsev-Tronin Vaccine."

P. S. Butyrina, Scientific Associate, Siberian Zonal NIVI read a paper under the title "Sulfanilcyanamide as a Therapeutic Agent for Horse Strangles."

The conference noted that during the past year, the work of the scientific-research veterinary institutions of Siberia has been conducted on a higher theoretical level and in conformance with the teachings of Pavlov,

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Michurin, and Lysenko; that the 1951 theamtics plans have been largely fulfilled; and that scientific research is being conducted according to work programs.

A series of resolutions was drawn up by the conference, aiming at further improvement of the work of scientific-research veterinary institutions of Siberia.

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